

Goodyear Fire Department Fire, Building & Life Safety Section

Contractor's Job Site Guide



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[®] means that the Goodyear Fire Department has developed a regulation to provide more detailed, specific information. The regulation may be found on the Goodyear website: goodyearaz.gov/City Divisions/Fire Department/Community Services/Fire Prevention/Fire Prevention Regulations
Rev. 8/09









Welcome to the City of Goodyear.

This Contractor's Job Site Guide is published and provided by the Fire, Building & Life Safety Section of the Goodyear Fire Department as a customer service to the construction and design community.

The purpose of this publication is to provide information concerning fire code issues that are frequently asked. Additionally, this guide also provides information regarding what a fire inspector needs to successfully complete an inspection and to assist you in completing your project.



Your project will be assigned to an inspector and ideally you should interact with the same inspector throughout the life of the project. However, occasionally your assigned inspector may not be available for a requested inspection. In that case, another qualified inspector will be assigned to conduct the inspection, which should not cause a delay in the completion of your project.



Our goal is to achieve code compliance by partnering and assisting you with the completion of your project within your deadlines. In order to be successful in this endeavor, communication is critical. If you communicate your issues to the inspector, an early solution can generally be worked out that will satisfy everyone.

To Schedule an Inspection Call 623-932-3494

FIRE SAFETY DURING CONSTRUCTION, ALTERATION, OR DEMOLITION OF A BUILDING

General Information

Fire safety during construction, alteration, or demolition of a building is critical for the safety of job employees, fire prevention personnel and the general public. The following is a general outline of preconstruction requirements and specific information pertaining to each requirement. A preconstruction meeting is helpful for the Job General Contractor/Superintendent and Fire Inspector to discuss general or specific requirement issues or provide assistance in fire permits that may be required during the project. This guide also covers the fire requirements for Temporary and Full Certificate of Occupancy.

Definitions

General Contractor/Superintendent

The general contractor/superintendent is responsible for the fire safety of all property under his/her control and will ultimately be held responsible for any fire code violations that may occur on the job site. The general contractor/superintendent is responsible for maintaining copies of all city permits on site.

Fire Protection Contractor

The fire suppression or detection contractor is responsible for maintaining the approved set of plans on site, scheduling the inspections and coordinating with the general contractor/superintendent to maintain fire protection throughout the job site. In addition, the fire protection contractor is responsible for verifying their system is ready for inspection prior to calling for the inspection.

Adopted Fire Codes & Amendments

The City of Goodyear has adopted the International Fire Code (IFC) with local amendments. Please contact the Fire, Building & Life Safety Section for information on the current edition of the adopted codes and amendments or visit our City web site at www.goodyearaz.gov.

This guide is not inclusive and a pre-construction meeting is recommended to divert costly changes or requirements pertaining to this project.

To Schedule an Inspection Call 623-932-3494

GENERAL FIRE SAFETY --- SPECIFIC REQUIREMENTS



SECTION 1 ---- **CONSTRUCTION/SALES TRAILER** (may require fire permit prior to construction). A building permit is required for a temporary construction/sales trailer from the Building Safety Division located at 195 N. 145th Avenue. A fire sprinkler or fire alarm system is not required for temporary construction/sales trailers (not to exceed 90 days). When the construction/sales trailer is equipped with a fire suppression or fire detection system, a permit is required for the installation of the systems and fire inspection acceptance testing is required. Fire protection systems must be maintained while the trailer is on site. When the trailer requires a gas or diesel powered generator using flammable or

combustible liquids, a fire permit may be required. Please see **Section 12**, **Generators Utilizing Flammable/Combustible Liquids**, for specific details on fire application/permit prior to placing the generator in service.

SECTION 2 --- FIRE HYDRANTS/ON-SITE WATER SUPPLY. Prior to bringing combustible materials onto the site, required on-site fire hydrants shall be operational. **Operational** means being fully tested, chlorinated, and approved by the Engineering and Water Resource Departments. The combustible materials shall be located no further than 150 feet from an operating fire hydrant. When combustible materials are stored in excess of 150 feet from a hydrant, additional hydrants shall be installed to ensure that the 150-foot distance limit is maintained.





SECTION 3 --- COMBUSTIBLE WASTE. Combustible waste shall not be allowed to accumulate on any site except in approved containers. Waste material shall be removed from the building on a daily basis. Combustible debris, waste material, or trash shall not be burned on the site.

SECTION 4 --- TEMPORARY FIRE APPARATUS ACCESS ROADS.

Fire apparatus access roads are required during construction to allow emergency response vehicles onto the site for both fire and medical emergencies. Access roads shall be in place when combustible construction materials are brought onto the site or prior to the start of vertical construction, whichever comes first. In some cases, depending on the circumstances, access roads may be required at an earlier stage of the project. Access roads shall be a minimum of 20 feet wide with an approved turn-around if longer than 150 feet. Buildings of 3 or more stories in height require fire access roads 26 feet in width.



During construction, temporary access roads may be provided when in compliance with the following:

- The fire apparatus access road shall have an all weather driving surface, graded to drain standing water and engineered to bear the imposed loads (75,000 pounds) of fire apparatus when the road is wet. The minimum surface shall be 4 inches of dirt with 2 inches of ABC compacted to 90 percent over an approved base.
- When requested, compaction test results shall be provided to the inspector *prior* to approval. Alternate methods may be approved when designed and sealed by a professional engineer and approved by the fire department.
- Trenches cut across any fire apparatus access road must be filled in and resurfaced by the end of the working day.
- Access roads must reach to within 150 feet of all points of any building, combustible construction materials, and combustible debris storage areas.
- The edges of the access road shall be obvious or clearly marked.
- Each site will have a minimum of two access points into the site. The access points shall be a minimum of 20 feet in width and shall be maintained accessible at all times.
- All fire apparatus access roads shall be clearly marked at the entrance with an approved sign approximately four feet by four feet. The lettering shall be red on a white background with letters at least 4 inches high and having a minimum ¾-inch brushstroke. The front of the sign shall include the address of the site and shall include the words "Fire Access Road." If appropriate, the use of arrows may be approved by your inspector. The back of the sign shall document the name of the project superintendent and a 24-hour phone number. Also, additional access road markings may be required throughout the project.



SECTION 5 --- FIRE EXTINGUISHERS. At least one fire extinguisher (minimum 2-A:20-B:C) is required in a building under construction or during alteration or demolition. Additional fire extinguishers shall be placed at each floor level at each stairway, in each storage or construction shed, and where special hazards exist such as flammable/combustible liquid storage. Extinguishers shall be installed in plain view in an accessible location.

SECTION 6 --- ASPHALT KETTLES. Asphalt kettles shall not be used inside of or on top of any building. One 3-A:40-B:C fire extinguisher is required to be on the roof of the structure being covered, and one 40-B:C fire extinguisher within 25 feet of the asphalt kettle. There must be an attendant within 100 feet of an operating kettle and no ladders or similar obstacles shall form the route to the kettle. The kettle shall be no closer than 20 feet to any building or structure.



SECTION 7 --- HEATERS. All heaters used in structures must be designed and approved for indoor use. Portable heater clearances to combustibles shall be maintained in accordance with the manufacturer's instruction, be protected from damage, and be anchored or have a stable base to prevent dislodgement or overturning. Adequate ventilation must be provided for fuel burning heaters. Heaters must be turned off, moved to the outdoors a safe distance from any structure, and allowed to cool before fueling.

SECTION 8 --- HOT WORK

- Any person performing cutting or welding operations, using a torch or other flame-producing device for removing paint, sweating pipe joints, applying roofing materials, or any other process requiring an open flame device in or on any building or structure shall be provided with one 2-A:20-B:C portable fire extinguisher within 30 feet of the hot work location or a 5/8-inch diameter water hose.
- When using a water hose, it must be of sufficient length to reach all portions of the building
 or area where hot work is being conducted and must be pre-connected to a reliable water
 supply on the premises where the hot work operation is being performed.
- Combustible material in the proximity to an open flame shall be protected against ignition by shielding, wetting, or other means.



In all cases, a fire watch shall be maintained in the vicinity of the operation for not less than 30 minutes after the torch or flame-producing device has been used.

• Companies performing welding and hot work operations on the site will provide the superintendent with written safety procedures to be followed by their personnel.



SECTION 9 --- WARMING FIRES. Warming fires at construction sites shall comply with the following:

- No warming fires shall be ignited or maintained unless the fire is contained in an APPROVED waste burner located at least 25 feet from any structure.
- An approved waste burner is a 30 or 55-gallon metal drum, intact, with a spark arrester, constructed of iron or heavy wire mesh with openings no larger than ½-inch.
- The fire must be attended **AT ALL TIMES** by a competent person who shall have a minimum 5/8-inch diameter garden hose pre-connected to a reliable water supply or a

2-A:10-B:C fire extinguisher. This means somebody must be specifically assigned to attend the fire. It is **NOT** permissible to leave the fire unattended. The fire must be completely extinguished before it can be left unattended.

- The warming fire shall be extinguished when the burning of material causes or creates dense smoke or odor.
- All burning shall meet the requirements of the Maricopa County Health Department Division of Air Quality. You must check daily to see if it is permissible to burn.
- The Fire Marshal may prohibit any and all fires when deemed hazardous.



SECTION 10 --- FLAMMABLE OR COMBUSTIBLE LIQUIDS, STORAGE. The

storage of flammable or combustible liquids shall be in an approved area and in containers approved for the product contained. Flammable or combustible liquids **shall not** be stored in buildings under construction. All containers used for the storage of flammable or combustible liquids must be labeled to identify the liquid they contained. A fire permit is required for the storage or use of more than 5 gallons of flammable liquids or 25 gallons of combustible liquids inside or more than 10 gallons of

flammable liquids or 60 gallons of combustible liquids outside. Check with your inspector.

SECTION 11 --- COMPRESSED OR LIQUEFIED GASES, STORAGE OR USE.

Cylinders, valves, regulators, hose and other apparatus and fittings for oxygen **shall** be kept free from oil and grease. Oxygen cylinders, apparatus and fittings **shall not** be handled with oily hands, oily gloves or greasy tools or equipment. Acetylene gas **shall not** be piped except using approved cylinder manifolds and connections. Cylinders shall be located away from the hot work area to prevent such cylinders or generators from being heated by radiation from heated materials, sparks or slag, or misdirection of the torch flame. (See Section 8, Hot Work). All cylinders shall be secured to prevent dislodgement and access by unauthorized persons.





SECTION 12 --- GENERATORS UTILIZING FLAMMABLE OR COMBUSTIBLE LIQUIDS. A permit is required to be obtained from the Goodyear Fire Department when proposing to install a temporary generator having a fuel tank using flammable liquids in excess of 10 gallons or combustible liquids having a capacity in excess of 60 gallons. Prior to installation, a site plan showing distance from buildings, property lines, public right-of-ways and grounding specifications shall be submitted to the Goodyear Fire Department. A permit application and fee shall be submitted to the Goodyear Finance Department prior to installation.

SECTION 13 --- KEY BOXES

- The Goodyear Fire Department has approved KNOX Company key boxes and other Knox devices. The applicant shall obtain a Knox Company order form from the Fire, Building & Life Safety Section, 175 N. 145th Avenue. Instructions are on the form. The form cannot be e-mailed.
- KNOX 3200 or 4400 Series boxes are required near the front entry/exit of the building and adjacent to sprinkler riser and/or fire alarm control panel rooms with exterior access.
- Dependent upon structures, applications, and location of sprinkler riser and fire alarm control
 panel, additional Key boxes, Knox padlocks, Knox key switches, or other Knox devices may be
 required.



- The height of key box(s) shall be at least 48" to a maximum of 60" above finished grade, and shall be immediately visible and accessible to emergency responders.
- Keys shall be marked or labeled to identify its use (e.g., Suite 101, Master).



SECTION 14 --- FIRE LANES. Required fire lanes shall be identified with approved signage in accordance with City of Goodyear Standard Detail G-3142. When fire lane signs are not shown on approved site plans or when you have questions, call (623) 882-7316 for assistance. The painting of curbing to identify fire lanes **is not** required

SECTION 15 --- ADDRESSES. Approved address numbers shall be visible from the street, mounted on the building or on a roadway monument. The building and suite numbers must be posted at time of TCO.

SECTION 16 --- FIRE PROTECTION INSPECTION AND ACCEPTANCE TESTING, GENERAL.

- The most current set of approved plans bearing the red fire department stamp and the system installation permit shall remain at the job site at all times. A copy of the approved plan will be accepted. A system installation permit shall be presented to the inspector at time of inspection. The installing contractor's name shall be documented on the permit. Inspections or tests will not be conducted without the approved plans and permit on site.
- The use of an approved plan or installation permit that documents a different installing contractor will not be allowed to be used, unless the contractor named on the approved plan or permit submits a letter to the Goodyear Fire Department authorizing the installing contractor to use their plan or permit. When this cannot be accomplished, the actual installing contractor shall submit a new plan for review and approval and shall obtain a separate permit naming their company as the contractor.
- It is expected that systems are pre-tested by the installing contractor and all repairs, corrections made *prior* to calling for an inspection.
- The installing contractor and job superintendent should assure that the systems are, in fact, problem free and ready for testing.

- Final acceptance tests will be conducted for all building fire protection systems at the same time. Representatives from all fire protection system installers must be on site for final acceptance testing.
- · Acceptance tests will not be conducted using generator power.
- Missed inspections and re-inspections of systems where failure is due to contractor omissions or errors may require a re-inspection fee accessed. See Section 17.

16-1 Residential Fire Sprinkler Systems - General. At time of inspection, an approved plan, stamped and signed by the Goodyear Fire Prevention Division, must be on site at all times. A copy of the installation permit, naming the installing contractor on the permit, shall also be required at the site.

16-1.1 NFPA 13D sprinkler systems. Two inspections will be conducted on the system:

<u>Inspection 1, Pressure and rough-in inspection:</u> A 50 psi over street pressure and rough-in inspection will be conducted when the piping and riser are in place. A pressure of 50 psi over street pressure or more must be maintained for a minimum of 2 hours prior to the inspection time. When the gauge shows less than required testing pressure, the test is a failure. Heads should be installed and should be covered by protective caps. The system need not be connected to a water supply at this point and may be filled from an outside source for testing. <u>ALL PIPING AND SYSTEM COMPONENTS MUST BE VISIBLE.</u>



<u>Inspection 2, Final acceptance testing.</u> Final acceptance testing will consist of the Inspectors Test Valve, a final overhead, and riser inspection.

- The system must be 100% complete and pre-tested prior to any requests for inspection.
- Electrical power must come from the grid through a meter connected to the electrical system.
- The system must be connected to a permanent water supply for final inspections.
- The Inspector Test Valve shall be identified with signage.
- A sprinkler head box with at least 2 sprinkler heads shall be installed near the sprinkler riser.
- A calc plate shall be filled out and installed near the sprinkler riser. Information on the calculation plate shall be either stamped or etched (no Sharpie markers allowed).

16-1.2 NFPA 13R sprinkler systems. Two inspections will be conducted on the system:

Inspection 1, Pressure and rough-in: The pressure and rough-in inspection will consist of the following:

- A minimum 200 psi pressure and rough-in inspection will be conducted when the piping and riser are in place.
- The 200 psi pressure must be maintained for a minimum of 2 hours prior to the inspection time. When the gauge shows less than the required testing pressure, the test is a failure.
- Heads should be installed and should be covered by protection caps.
- The system need not be connected to a water supply at this point and may be filled from an outside source for testing.
- All piping and system components must be visible from floor level.
- Prior to the system connection to the underground fire line, submit a certificate approving the City of Goodyear's requirements for flushing and testing. To prevent a delay in conducting inspections, it is strongly recommended that the flushing approval be maintained on site at all times.
- A Contractor's Material and Test Certificate for Aboveground Piping shall be submitted to your fire inspector at time of inspection.

<u>Inspection 2, Final acceptance testing.</u> Final acceptance testing will consist of opening the Inspectors Test Valve (ITV), a final overhead, and riser inspection.

- The system must be 100% complete and pre-tested prior to any requests for inspection.
- Electrical power must come from the grid through a meter connected to the electrical system.
- The system must be connected to a permanent water supply for final inspections. An underground flushing report signed by the Engineering Department shall be submitted to your fire inspector at time of inspection. The inspection will be cancelled if the flushing report paperwork is not available at the site.
- The exterior bell, as well as horn/strobes shall activate within 90 seconds of opening the ITV.
- The ITV shall be identified with signage.
- All system control valves shall be electrically monitored or chained and padlocked to prevent tampering.
- A sprinkler head box with at least 2 sprinkler heads shall be installed near the sprinkler riser.
- All calculated systems require a stamped or engraved metal hydraulic calculation data plate installed on or near the sprinkler riser.

<u>16-2 NFPA 13 Sprinkler Systems.</u> A minimum of two separate inspections are required prior to Fire Department approval of the sprinkler system. New sprinkler systems require a pressure test and a final acceptance test. Documented proof of an underground flush of the sprinkler supply line **MUST** be furnished to the fire inspector prior to connection of the sprinkler riser.

Note: Fire Department Connections installed on backflow devices are not approved.

<u>Inspection 1, Pressure and rough-in inspection.</u> The pressure test and rough-in inspections shall consist of the following:

- The system shall be pressurized to at least 200 psi for two hours prior to the scheduled inspection time. The Superintendent or other supervisor may witness the time the system was pressurized to 200 psi.
 - Note: A 24-hour, 175 psi test may be approved in certain circumstances.
- Fire sprinkler system rough-in inspections include all overhead piping, hangars and clamps, overhead upright sprinkler heads and down piping (pendant sprinkler heads if possible) is required to be installed.
- All system piping, hangars and clamps must be visible from floor level. NO sheet rock, insulation or ceiling tile shall be
 installed prior to the pressure and rough-in inspection without prior approval of your fire inspector. You will be required
 to remove any obstructions to view the complete system.
- Prior to the system connection to the underground fire line, submit a certificate approving the City of Goodyear's requirements for flushing and testing. To prevent a delay in conducting inspections, it is strongly recommended that the flushing approval be maintained on site at all times.
- A Contractor's Material and Test Certificate for Aboveground Piping shall be submitted to your fire inspector at time of inspection.

THE GOODYEAR FIRE DEPARTMENT DOES NOT CONDUCT HARD LID INSPECTIONS SEPARATE FROM THE ROUGH-IN INSPECTION

Inspection 2, Final acceptance testing. A final acceptance inspection includes:

- Visual inspection of the entire system (drywall and ceiling panels shall be in place).
- All calculated systems require a stamped or engraved metal hydraulic calculation data plate installed on or near the sprinkler riser.
- A sprinkler head box shall be installed near the sprinkler riser and contain at least six sprinkler heads of each type of head installed, sprinkler head wrench, and an NFPA 25 booklet.
- All system control valves shall be electrically monitored or chained and padlocked to prevent tampering.
- Signage shall be provided to identify the Inspector Test Valve location, the main drain and other control valves.
- System shall be fully tested by:
- Opening the 2-inch drain and documenting the residual and static pressures. The pressures must meet or exceed the pressures documented on the approved plans.
- Closing the tamper valve.
- Opening the Inspectors test valve. The exterior bell or audio/visual device shall activate within 90 seconds of opening ITV, as well as audio/visual fire alarm system components.

SECTION 16-3 FIRE DEPARTMENT CONNECTIONS (FDC). FDC's are not allowed on the backflow devices. The FDC's shall be installed on the building or remotely installed. Remote FDC's shall be a maximum of 150 feet from a fire hydrant. Signage may be required to identify the building the FDC serves.

SECTION 16-4 FIRE ALARM SYSTEMS

- All fire alarm systems shall be installed in accordance with the International Fire Code and NFPA 72.
- All tests shall be requested by the installer/sub-contractor actually doing the work, and will be coordinated to be conducted at the same time as the sprinkler acceptance test and hood system test, if applicable.
- The entire system shall be fully installed, operational and pre-tested prior to system acceptance testing by the Fire Department.
- The fire alarm control panel shall be in normal operation at time of final acceptance testing.
- All control panels, initiating, notification, and signaling devices, power supplies and auxiliary devices shall be tested in the presence of the inspector.
- All device tests shall be in accordance with the manufacturers' recommendations. It shall be the responsibility of the
 installer to provide the equipment and supplies necessary to conduct the test. The Goodyear Fire Department
 requires that duct and smoke detectors are tested using canned smoke. Duct detectors may initiate a supervisory
 signal. Smoke and heat detectors shall initiate alarm signals.

- Third party monitoring shall be tested to verify that all device signals were received and the description is accurate.
 - **NOTE:** A fully addressable fire alarm system shall require that the monitoring company provide a point-to-point description of the device actuation (e.g., Alarm, Smoke Detector, Ballroom).
- An approved simplified floor plan of the areas served by the alarm panel may be required to be posted near the annunciation panel. Zone descriptions and/or devices shall correspond with the floor plan. Check with your inspector.
- When a change in method of monitoring from the approved plan is proposed (e.g., phone lines to radio dialer), 2 sets of revision plans and cut sheets shall be submitted to the Building Safety Department for review and approval prior to installation. The revised approved plan shall be on site at time of final acceptance testing.
- A Certificate of Completion (NFPA 72) shall be completed and provided to the Fire Department prior to final acceptance.

SECTION 16-5 KITCHEN HOOD SYSTEMS. Kitchen hood systems shall be installed in accordance with the International Fire Code and NFPA 17 or 17A. The installing contractor shall perform all tests. The testing shall include:

- All components, including remote manual pull stations, mechanical or electric devices, detectors, actuators, and inter-locks, shall be tested for proper operation during the inspection in accordance with the manufacturers' listed procedures.
- Gas cooking appliances shall be connected to gas lines prior to testing.
- Electric power required for acceptance testing of systems shall be provided by grid power only.
- Upon activation of the system, the makeup air supply to a hood shall be shut down and hood exhaust fans shall continue to run unless shutdown is required by the extinguishing system manufacturer or unless another component of the system requires shutdown.
- When the building has a fire alarm system, the hood extinguishing system shall be connected to provide alarm signals to the Fire Alarm Control Panel and third party monitoring.
- A Class K fire extinguisher shall be required for UL 300 compliant kitchen hood systems.

ALL FINAL TESTING OF FIRE PROTECTION SYSTEMS MUST BE CONDUCTED ON GRID POWER, NOT GENERATOR POWER. TEMPORARY POWER SUPPLIED FROM THE GRID, THROUGH A METER IS ACCEPTABLE.

ALWAYS PRE-TEST THE SYSTEM PRIOR TO SCHEDULING A FINAL

SECTION 17 MISSED OR FAILED SCHEDULED INSPECTIONS. Missed or failed scheduled inspections due to installer/contractor error will be subject a re-inspection fee of **\$120 per hour, 3 hours minimum**. Inspections cancelled at least 1 hour prior to the inspection time, shall not require a re-inspection fee.

®SECTION 18 IDENTIFICATION OF FIRE PROTECTION EQUIPMENT. Room(s) containing the fire sprinkler riser(s) or fire alarm control panel (FACP) shall be identified with signage on doors leading to the room(s).

®SECTION 19 AUTOMATIC SECURITY GATES OR BARRICADES. Plans for the installation of automatic security gates or barricades across fire apparatus access roads shall be submitted to the Goodyear Fire Department, 175 N. 145th Avenue. The plan shall include, but is not limited to the width of the gate opening, direction of gate swing, location of pre-emption device, and location of Knox gate switch. A permit application and permit fees shall be submitted to the Goodyear Finance Department prior to installation.

SECTION 20 MANUAL ACCESS GATES. Manual gates installed across fire apparatus access roads shall require a chain and padlock. The padlock may be purchased from the Knox Company or a standard padlock may be utilized. When a standard padlock is used, the fire department will use bolt cutters to open the gates. The Goodyear Fire Department will not be responsible for replacement of the padlock.



SECTION 21 --- TENANT IMPROVEMENT REQUIREMENTS

- The fire department shall be required to sign the shell C of O form prior to scheduling TI inspections.
- All applicable fire protection system installing contractor representatives must be on site for final system inspections and testing.
- Approved plans and installation permits shall be on-site.
- The fire inspector shall confirm that all fire protection systems are in accordance with approved plans and adequate fire sprinkler and fire alarm coverage is provided.

- Fire sprinkler contractor will flow water using Inspector Test Valve (ITV). The Inspector will verify exterior water bell activation and fire alarm audio/visual devices operate properly.
- Fire alarm contractor will contact monitoring company to verify signals were accurately received and at the correct address.

SECTION 22 TEMPORARY CERTIFICATE OF OCCUPANCY (TCO), CERTIFICATE OF OCCUPANCY (COC), AND FULL CERTIFICATE OF **OCCUPANCY (C O), GENERAL**

- Approved fire protection plans bearing the Fire Department stamp and installation permits must be available at the job site at all times from the start of construction through final Certificate of Occupancy inspection.
- Your fire inspector will initiate paperwork for each inspection conducted at your project. Keep this paperwork on the job site.
- You may be required to provide documentation that an inspection has been completed and it is expected that you will be able to provide the paperwork.



CONDITIONAL

SECTION 22-1 TCO OR C OF C CHECKLIST. The following is a checklist of the most common items that will be confirmed as being in compliance for Temporary Certificate of Occupancy (TCO) or Conditional Certificate of Occupancy (C of C). This checklist is not intended to include all items or issues. Compliance with additional items may be required prior to the Goodyear Fire Department signing for TCO or C of C.

- Fire sprinkler system inspected, tested and approved by Fire Department.
- Fire alarm system inspected tested and approved by Fire Department. Third party monitoring shall be tested and approved.
- Commercial kitchen hood system inspected, tested and approved by Fire Department
- Any other fire protection systems inspected, tested and approved by Fire Department.
- The building address and/or suite number shall be posted to be visible from the street, mounted on the building or on a roadway monument.
- KNOX key box(s) installed. See Section 13. The following Keys shall be placed in KNOX box(s):
 - A key to unlock the fire riser or FACP room door.
 - Key(s) to unlock the main and rear doors (may be contractor keys at this time)
 - A key to unlock the FACP cover door.
- Caps on FDC's
- FDC's identified with signage, when required. Regulation R
- Post Indicator Valves (PIV) shall be in-service ("OPEN") and painted red with handles padlocked to the body of the PIV.

Exception: PIV's on stub-outs intended for future use and normally left in the closed position are to be painted forest green to avoid confusion with PIV's currently in service.

All fire line backflow devices and wall indicator valves shall be chained and padlocked in the open position or tamper monitored by a third party.



Your fire inspector will provide written documentation of TCO or C of C limitations and outstanding items required to be completed to receive full Certificate of Occupancy (C of O).

SECTION 22-2 --- FULL CERTIFICATE OF OCCUPANCY (C OF O) CHECKLIST. In addition to Section 22-1, the following is a checklist of the most common items that will be confirmed as being in compliance for full C of 0. This checklist is not intended to include all items or issues. Compliance with additional items may be required prior to the Goodyear Fire Department signing for full C of O.

- Permanent, occupant keys shall be required to be placed in the KNOX box(s).
- All fire riser rooms and fire alarm control panel rooms shall be identified with signage. See Section 18.
- Permanent fire apparatus access roads paved with curbing, movable bollards or chains and aprons completed and approved fire lane signs installed.
- Suite numbers posted, front and rear doors, in accordance with Regulation
- FDC signage installed to identify building it serves in accordance with Regulation
- Vehicle protection for gas meters, backflow devices, other fire protection equipment is installed when subject to vehicular traffic.
- Portable fire extinguishers installed to be visible and accessible.



Reminder.....

#1 - APPROVED PLANS & PERMITS MUST REMAIN ON THE JOB SITE DURING CONSTRUCTION & TESTING

#2 – ALWAYS PRE-TEST YOUR SYSTEM BEFORE SCHEDULING AN INSPECTION

#3 IF UNSURE OF A REQUIREMENT, CONTACT YOUR INSPECTOR OF RECORD

To Schedule an Inspection Call 623-932-3494